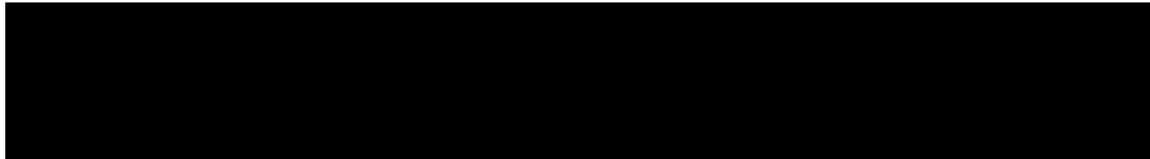


18 JAN 1978

MEMORANDUM FOR THE RECORD

SUBJECT: SAFE A-E Meeting of 12 December 1977

STATINTL



2. General information discussed was:

a. A-E to connect electrical system to by-pass connection in C Vault.

b. A-E has been directed to investigate means of minimizing loss of floor space for transformer by wall or column mounting.

c. A-E will attempt to remove as many abandoned utilities in overhead and floor cells.

d. Final survey to identify abandoned utilities to be done on site after ceiling is removed.

e. The A-E is to provide humidification in air handling units if possible.

f. Voltage regulator are not necessary. The A-E is to put in the 415 Hz main feed line and panel. Electrical trough from the distribution panels to the under-floor plenum. Convenience outlets are to be on a separate circuit from computer circuit.

g. Center to have emergency panic button to shut down all electrical power. Emergency lights are to be battery powered. The fire safety design should provide exhaust of smoke from room after emergency shutdown.

h. Distribution panels are to be manually energized.

SUBJECT: SAFE A-E Meeting of 12 December 1977

i. All air handlers are to be 480 volt. All detection systems are to be compatible with existing house systems. All fixtures in the UPS battery room are to be explosion proof.


j. The separate inner chilled water loop is deleted. Details of the filters and air handling units are to be provided by the A-E.

k. The A-E is to assume that future expansion would take place only in point area.

l. Assume 10 percent of floor tile is perforated and 10 percent additional tile is to be provided.

m. UPS room requires 80° F temperature with four 20-ton air handlers. The battery room to have exhaust and hydrogen detection systems.

STATINTL

  
Chief  
Mechanical Section, HEB/RECD/OL

Distribution:

Orig. - OL/RECD/HEB Official  
1 - OL/RECD  
1 - OL/RECD/HEB Chrono

STATINTL

OL/RECD/HEB  :sbt/7543 (17 Jan 78)